

UNCLASSIFIED

MSG DTG 181130Z MAY 09

FROM COMMANDER, AMCOM, REDSTONE ARSENAL, AL //AMSAM-SF-A//

SUBJECT - SAFETY OF FLIGHT (SOF), TECHNICAL, ALL OH-58A/C  
SERIES AIRCRAFT, MAIN ROTOR (MR) HUB LATCH NUTS,  
H-58-09-SOF-04

**NOTE**

This message is effective until rescinded or superseded.

**NOTE**

This message is issued IAW AR 750-6 and has not been officially transmitted to units subordinate to addressees. Commanders of Army Commands (AC), Army National Guard (ARNG), United States Army Reserve (USAR), Army Service Component Commands (ASCC), and Direct Reporting Units (DRU) will immediately retransmit this message to all subordinate units, activities or elements affected or concerned, and immediately confirm this retransmittal by notification to the AMCOM SOF Compliance Officer at ["safeadm@conus.army.mil"](mailto:safeadm@conus.army.mil).

**NOTE**

Commanders or Directors (not lower than the grade of Major General or civilian equivalent) of ACs, ARNG, USAR, ASCCs, and DRUs may authorize temporary exception from message requirements IAW AR 750-6, para 2-9. Exception may only occur when combat operations, matter of life or death in civil disasters, or other emergencies, are so urgent that they override the consequences of continued aircraft operation.

**NOTE**

Commanders unable to comply with the requirements of this message within the time frame specified will change the affected aircraft status symbol to a Red //X//.

**NOTE**

Commanders, Facility Managers, and Contractors at all levels, to include DD 250 aircraft, will not issue aircraft until they are in compliance with this message.

**NOTE**

A listing of published safety messages, to include TAMMS Reports, Inspection Reports, and any Supplements/Addendums required by this message can be viewed/downloaded at:

["https://asmprd.redstone.army.mil"](https://asmprd.redstone.army.mil). This is a secure website which requires an Army Knowledge Online (AKO), ["https://www.us.army.mil"](https://www.us.army.mil), user ID and password.

**1. SUMMARY -**

- 1.1. Background - H-58-09-SOF-01 required inspection of OH-58A/C Main Rotor (MR) Latch Nuts that did not meet required specifications. Since that SOF was issued, reports have been received of additional MR Latch Nuts, Cage Code 39YZ0, which do not meet specifications. The affected nuts are not machined properly and, if installed, could damage the MR Latch presenting a flight safety hazard. These nuts can be readily identified by packaging data, are black in color, and will have an improperly machined Bevel at the Latch contact surface.
- 1.2. Message Purpose - Require a one-time inspection of all OH-58A/C MR Hub Assemblies for non-conforming Latch Nuts.

**2. END ITEMS AFFECTED - All OH-58A/C series aircraft.**

**3. ASSEMBLIES/COMPONENTS/PARTS AFFECTED -**

**3.1. Suspect Assemblies/Components/Parts -**

Nomenclature	PN	NSN
Nut, Self Locking	EB9025-14	5310-00-133-3671

**3.2. Additional Assemblies/Components/Parts Affected -**

Nomenclature	PN	NSN
Hub, Rotor, Helicopter	206-011-100-143	1615-01-129-6508
Hub, Rotor, Helicopter	206-011-100-131	1615-01-092-6746

**NOTE**

When complying with the requirements of this message, complete forms and records entries IAW DA PAM 738-751. ULLS-A units will use appropriate "E" forms.

**4. INITIAL AIRCRAFT TAMMS (THE ARMY MAINTENANCE MANAGEMENT SYSTEM) ENTRY -** Upon receipt of this message, make the following entry on DA Form 2408-13-1. Enter a Red Horizontal Dash //-// status symbol with the following statement: "Comply with requirements of H-58-09-SOF-04 prior to the next flight, but NLT 28 MAY 09."

**5. COMPLIANCE REPORTING REQUIREMENTS -**

**NOTE**

Report compliance with this message, as defined below, via the AMCOM Message Tracking System (AMTRACKS) at ["https://amtracks.redstone.army.mil"](https://amtracks.redstone.army.mil). Unit personnel designated to submit compliance reports, that have not registered with AMTRACKS, must establish a profile at this web site before submitting their compliance reports.

5.1. Aircraft Initial Compliance Report - All reporting requirements will be accomplished as part of the "Final Compliance Report".

5.2. Aircraft Final Compliance Report - Submit Final Compliance Report via AMTRACKS NLT 1 JUN 09 IAW AR 750-6. This report will include Aircraft SN, MDS, Date of Initial TAMMS Entry, Inspection Results/Comments (enter "PASS" or "FAIL" - if entering FAIL include the number of Nuts), and check the box "Entered on DA Form 2408-5-1 (Main Rotor Hub Assembly)".

5.3. Retail Stock Task/Inspection Compliance Report (Installation level and below) - Submit Retail Stock Task/Inspection Compliance Report via AMTRACKS NLT 1 JUN 09 IAW AR 750-6. This report will include Component Nomenclature and Inspection Results (enter "PASS" or "FAIL").

5.4. Wholesale Stock Task/Inspection Compliance Report (Including Depot Stock, Depot Maintenance and Single Stock Fund) - N/A.

## **6. SPECIAL PROVISIONS TO MESSAGE REQUIREMENTS (AIRCRAFT) -**

Aircraft in Transit (Surface/Air Shipment/Ferry Status/Aircraft Away From Home Station) - Unit Commanders unable to comply with the requirement specified in para 4 may defer making the initial Aircraft TAMMS entry until arrival at final destination. Adjust the date in the TAMMS Entry to be NLT 10 days after arrival at destination.

## **7. TECHNICAL PROCEDURES/INSTRUCTIONS -**

### **NOTE**

This message includes a required Addendum. If the Addendum is not included with this message, it may be viewed/downloaded at "<https://asmprd.redstone.army.mil>". This is a secure website which requires an Army Knowledge Online (AKO), "<https://www.us.army.mil>", user ID and password.

### **NOTE**

Unless otherwise stated, all maintenance Tasks will be performed IAW TM 55-1520-228-23.

7.1. Using the Addendum to H-58-09-SOF-04, inspect the MR Hub for installation of Non-conforming Latch nuts. Non-conforming Latch nuts will be black in color and exhibit an uneven spherical radius. Affected nuts will not mate correctly with Latch.

7.1.1. If Non-conforming MR Latch Nuts are NOT installed, the inspection is complete. Proceed to para 7.2.

7.1.2. If any Non-conforming MR Latch Nuts are installed, make the following entry on aircraft DA Form 2408-13-1. Enter a Red

//X// status symbol with the following statement: "MR Latch Nut unserviceable IAW H-58-09-SOF-04." Replace the Latch Nut(s) IAW para 5-60, TM 55-1520-228-23-1.

7.2. Clear the initial entry from para 4 and note compliance on DA Form 2408-5-1 (Main Rotor Hub Assembly).

## **8. PROCEDURES/INSTRUCTIONS FOR ASSEMBLIES/COMPONENTS/PARTS IN WORK OR IN STOCK (AT ALL LEVELS INCLUDING WAR RESERVES) -**

Annotate the serviceability tag with: "Main Rotor Hub Latch Nuts, H-58-09-SOF-04, not complied with." Do not remove original condition tags.

8.1. Items in Retail Stock - Commanders and facility managers that maintain retail stock at installation level and below will complete the following procedures.

8.1.1. Suspend issue of affected items listed in para 3.1 of this SOF until in compliance with message requirements.

8.1.2. Contact the supported aviation unit, as required, to perform the procedures required on affected items.

8.1.3. Comply with inspection and correction procedures as required to return items to serviceable stock.

8.1.4. Submit a Task/Inspection report IAW para 5.

8.2. Single Stock Fund and in Work (Overhaul/Repair Facility)

8.2.1. Items listed in para 3.2 will not be issued until they are in compliance with this message.

8.2.2. Submit Task/Inspection Compliance Report IAW para 5.

8.3. Items in Wholesale Stock - N/A.

## **9. SPECIAL TOOLS AND FIXTURES REQUIRED - N/A.**

## **10. SUPPLY/PARTS (REQUISITION/DISPOSITION) -**

10.1. Parts Required -

### **NOTE**

The Self Locking Nut, PN BH00935-14, is an acceptable substitute when replacing a suspect PN EB9025-14 Nut.

Nomenclature	PN/NSN	Qty	Cost ea	Total \$
Nut, Self Locking	EB9025-14	4	\$5.82	\$23.28
	5310-00-133-3671			

Total cost per aircraft = \$23.28

10.2. Bulk and Consumable Materials - N/A.

10.3. Requisitioning Instructions - Requisition replacement parts using normal supply procedures.

10.4. Disposition of Discrepant Parts/Components - Demilitarize/Mutilate IAW TM 1-1500-328-23.

10.5. Disposition of Hazardous Material - N/A.

## **11. MAINTENANCE APPLICATION -**

11.1. Category of maintenance - AVUM.

- 11.2. Estimated Time Required -  
11.2.1. Time to complete inspection - Total of 1.0 man-hour  
using 1 person.

**NOTE**

The time stated below does not include time for  
Maintenance Operational Checks (MOC) or Maintenance  
Test Flights (MTF), if required.

- 11.2.2. Time for repair/replacement - Total of 4.0 man-hours  
using 1 person.

**12. PUBLICATION REQUIREMENTS -**

- 12.1. References -  
12.1.1. AR 750-6.  
12.1.2. DA Pam 738-751.  
12.1.3. TM 55-1520-228-23-1.  
12.1.4. TM 1-1500-328-23.  
12.2. Publication Changes - N/A.

**13. POINTS OF CONTACT -**

- 13.1. Technical POCs -  
13.1.1. Primary - Mr. Joe Wathen (Avion), DSN 788-2499 or  
(256) 842-2499. Email: "joseph.wathen@peoavn.army.mil".  
13.1.2. Alternate - Mr. Gerald Johnson, DSN 897-2233 or (256)  
313-2233. Email: "gerald.f.johnson@us.army.mil".  
13.2. Project/Product Manager's (PM) Office POC - Mr. Howard  
Lee Reeves, DSN 645-9701 or (256) 955-9701. Fax: 645-7125 or  
(256) 955-7125. Email:  
"howard.reeves@peoavn.redstone.army.mil".  
13.3. Wholesale POC (DLA) - Ms. Susan Wallace, DSN 695-4492 or  
(804) 279-4492. Email: "susan.wallace@dla.mil".  
13.4. Forms and Records POCs -  
13.4.1. Primary - Ms. Ann Waldeck, DSN 746-5564 or (256) 876-  
5564. Email: "[ann.waldeck@conus.army.mil](mailto:ann.waldeck@conus.army.mil)".  
13.4.2. Alternate - Mr. David Derbort, DSN 746-5151 or (256)  
876-5151. Email: "[david.derbort@conus.army.mil](mailto:david.derbort@conus.army.mil)".  
13.5. AMCOM Safety POCs -  
13.5.1. Primary - Mr. Harry Trumbull (SAIC), DSN 897-2095 or  
(256) 313-2095. Email: "[harry.trumbull@conus.army.mil](mailto:harry.trumbull@conus.army.mil)".  
13.5.2. Alternate - Mr. Don Swallom, DSN 788-8641 or (256)  
842-8641. Email: "[donald.swallom@conus.army.mil](mailto:donald.swallom@conus.army.mil)".  
13.6. Foreign Military Sales POCs -  
13.6.1. Primary - Mr. George Ashmore (CAS), DSN 788-1094 or  
(256) 842-1094. Email: "[george.ashmore1@us.army.mil](mailto:george.ashmore1@us.army.mil)".  
13.6.2. Alternate - Mr. Tom Gibson, DSN 788-1077 or  
(256) 842-1077. Email: "[thomas.b.gibson@us.army.mil](mailto:thomas.b.gibson@us.army.mil)".  
13.7. After hours, contact the AMCOM Operations Center (AOC),  
DSN 897-2066/7 or (256) 313-2066/7.